



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000033622** | Submit Date: **10/12/2017** | Call Sign: **KPIF** | Facility ID: **86205** | FRN: **0026720714** | State: **Idaho** | City: **POCATELLO**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **10/24/2017** | Expiration Date: **04/23/2018** | Filing Status: **Active**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
POCATELLO CHANNEL 15, L.L.C. Doing Business As: POCATELLO CHANNEL 15, L.L.C.	KEVIN BAE 3654 WEST JARVIS AVENUE SKOKIE, IL 60076 United States	+1 (847) 674-0864	kevinbae@kmcommunications.com	Limited Liability Company

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact
Representatives
(2)

Contact Name	Address	Phone	Email	Contact Type
Greg Best <i>Consulting Engineer</i> Greg Best Consulting Inc.	16100 Outlook Avenue Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail. com	Technical Representative
AARON P SHAINIS <i>FCC COUNSEL</i> SHAINIS AND PELTZMAN, CHARTERED	AARON P. SHAINIS 1850 M STREET, NW SUITE 240 WASHINGTON, DC 20036 United States	+1 (202) 293- 0011	AARON@S-PLAW. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	86205
	State	Idaho
	City	POCATELLO
	DTV Channel	15
	Designated Market Area	Idaho Fals-Pocatllo(Jcksn)
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1239956
Coordinates (NAD83)	Latitude	42° 51' 50.1" N+
	Longitude	112° 31' 13.3" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	92.4 meters
	Support Structure Height	91.4 meters
	Ground Elevation (AMSL)	1770.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	86 meters
	Height of Radiation Center Above Average Terrain	327.0 meters
	Height of Radiation Center Above Mean Sea Level	1856.6 meters
	Effective Radiated Power	25 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1002145
Antenna Manufacturer and Model	Manufacturer:	Alive
	Model	ATC-BCSE20C2S-U
	Rotation	0.0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)
0	.954	90	.367	180	.402	270	1.0
10	.968	100	.327	190	.329	280	.985
20	.982	110	.393	200	.358	290	.954
30	.934	120	.494	210	.486	300	.903
40	.934	130	.562	220	.624	310	.859
50	.856	140	.580	230	.750	320	.827
60	.751	150	.582	240	.855	330	.820
70	.624	160	.565	250	.940	340	.846
80	.487	170	.503	260	.985	350	.893

Additional Azimuths

Degree	V _A
98	.325
192	.325
19.0	1.0

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	KEVIN BAE <i>SECRETARY</i> 10/12/2017

Attachments

File Name	Uploaded By	Attachment Type	Description
KPIF EL Pattern ATC-BCS20C2S-15 Updated 675.pdf	Applicant	All Purpose	Antenna elevation pattern.
KPIF RFR Exhibit.doc	Applicant	All Purpose	RF Exposure Exhibit.
KPIF STA Letter REV A.doc	Applicant	All Purpose	STA Letter requesting operation at 25 kW.
KPIF tvixstudy 8-31-17.txt	Applicant	All Purpose	Interference Study Exhibit.